

# Oracle® Health Sciences Central Coding System Requirements



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Oracle Health Sciences Central Coding System Requirements, Release 7.0

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# Preface

This preface contains the following sections:

- [Documentation accessibility](#)
- [Related resources](#)
- [Diversity and Inclusion](#)
- [Access to Oracle Support](#)
- [Additional copyright information](#)

## Documentation accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## Related resources

All documentation and other supporting materials are available on the [Oracle Help Center](#).

## Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through Support Cloud.

Contact our Oracle Customer Support Services team by logging requests in one of the following locations:

- English interface of Oracle Health Sciences Customer Support Portal (<https://hsgbu.custhelp.com/>)

- Japanese interface of Oracle Health Sciences Customer Support Portal (<https://hsgbu-jp.custhelp.com/>)

You can also call our 24x7 help desk. For information, visit <http://www.oracle.com/us/support/contact/health-sciences-cloud-support/index.html> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

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# 1

## System requirements: Application server

The following requirements are for using the Oracle Central Coding application with one external application, such as the InForm application or the Clintrial application.

When the application server and the database server are on the same machine, the machine must meet the requirements for both the application server and the database server.

Component	Description
<b>Operating system</b>	Microsoft Windows Server 2019.
<b>Processor</b>	2 GHz or greater.
<b>Memory</b>	4 GB or greater.
<b>Disk Space</b>	In addition to the space required for the operating system, approximately 500 MB for the Oracle Central Coding application.
<b>Connectivity</b>	100/1000 NIC.
<b>Software—Windows components</b>	<ul style="list-style-type: none"><li>• Internet Information Server (IIS) 10.0.</li><li>• WCF Services.</li><li>• Microsoft .NET Framework 4.8.</li><li>• ASP.NET 4.8.</li><li>• MSDTC Timeout: Recommended 300 seconds (Default is 60 seconds).</li></ul>
<b>Software—Oracle components</b>	<ul style="list-style-type: none"><li>• Oracle Database Client 19.12.0.0.</li><li>• Oracle Services for Microsoft Transaction (MTS) for your Oracle Client version.</li><li>• Oracle Data Provided (ODP) for .NET 4.121.2.0.</li></ul>

# 2

## System requirements: Database server

The following requirements are for using the Oracle Central Coding application with one external application, such as the InForm application or the Clintrial application.

When the application server and the database server are on the same machine, the machine must meet the requirements for both the application server and the database server.

When the application server and the database server are on different machines, we recommend that both servers are synchronized to Coordinated Universal Time (UTC).

Component	Description
<b>Operating system</b>	<ul style="list-style-type: none"><li>• Microsoft Windows Server 2019.</li><li>• Oracle Enterprise Linux version 7.2 or 8.x for 64-bit systems.</li><li>• Red Hat Enterprise Linux version 5.10 for 64-bit systems.</li></ul>
<b>Processor</b>	As required by the Oracle specification for the operating system.
<b>Memory</b>	As required by the Oracle specification for the operating system.
<b>Disk space</b>	In addition to the space required for the Oracle installation, approximately 500 MB tablespace with autoextend allocated as follows: <ul style="list-style-type: none"><li>• Approximately 400 MB tablespace with autoextend for coding requests.</li><li>• Approximately 100 MB tablespace with autoextend for the dictionaries.</li></ul>
<b>Connectivity</b>	100/1000 NIC.
<b>Software—Oracle components</b>	Oracle Database Server (Standard or Enterprise Edition) 19.12.0.0.

# 3

## System requirements: Client computer

Component	Requirement
<b>Web browser</b>	<ul style="list-style-type: none"><li>• Microsoft Edge 94.0.992.31 or higher</li><li>• Mozilla Firefox 92.0.1 or higher (64-bit)</li><li>• Google Chrome 93.0.4577.82 or higher For information about required web browser settings, see the <i>Installation Guide</i>.</li></ul>
<b>Operating system</b>	<ul style="list-style-type: none"><li>• Microsoft Windows 7 or higher (English or Japanese).</li><li>• Japanese dictionary support requires the Japanese Language Pack when running on an English operating system.</li><li>• When you support multilingual data, the files for East Asian languages must be installed using the Regional and Language Options in the Control Panel. The MS Mincho and MS UI Gothic fonts are required for the reports.</li></ul>
<b>Software</b>	<ul style="list-style-type: none"><li>• Microsoft Word or another application to open Rich Text Format (RTF) reports.</li><li>• Microsoft Excel or another application to open CSV files for use with the export function.</li></ul>

- [Oracle patch requirements](#)

## Oracle patch requirements

In this section:

- [Minimum Oracle Database patches required for the database server](#)
- [Minimum Oracle client patches required for the application server](#)

## Minimum Oracle Database patches required for the database server

In this section:

- [Oracle 19.12.0.0 for Linux 64-bit](#)
- [Oracle 19.12.0.0 for Windows 64-bit database](#)
- [Oracle JavaVM \(OJVM\) Component PSU Patch for UNIX](#)

## Oracle 19.12.0.0 for Linux 64-bit

Oracle version	Patch number	Patch application order	Notes
19.3	N/A	1	Patch set/Base install Oracle 19.3.0.0



Oracle version	Patch number	Patch application order	Notes
19.12.0.0.210720	32904851	2	Patch Set Update 19.12.0.0.210720

## Oracle 19.12.0.0 for Windows 64-bit database

Oracle version	Patch number	Patch application order	Notes
19.3	N/A	1	Patch set/Base install Oracle 19.3.0.0
19.12.0.0.210720	32832237	2	Windows DB Bundle Patch 19.12.0.0.210720

## Oracle JavaVM (OJVM) Component PSU Patch for UNIX

Oracle version	Patch number	Patch application order	Notes
19.12.0.0.210720	32876380	1	Oracle JavaVM Patch Set Update 19.12.0.0.210720

## Minimum Oracle client patches required for the application server

In this section:

- [Oracle 19.12.0.0 for Windows 64-bit client](#)

## Oracle 19.12.0.0 for Windows 64-bit client

Oracle version	Patch number	Patch application order	Notes
19.3	N/A	1	Patch set/Base install Oracle 19.3.0.0
19.12.0.0.210720	32832237	2	Microsoft Windows Bundle Patch 19.12.0.0.210720

# 4

## About integrating with the Clintrial or Oracle InForm application

The Oracle Central Coding application supports integration with the Oracle InForm application and the Clintrial application at the same time under the following circumstances:

- One of the following is true:
  - The Oracle InForm application, Clintrial application, and Oracle Central Coding application are behind the same firewall.
  - The Oracle InForm application, Clintrial application, and Oracle Central Coding application are not behind the same firewall, but a VPN is used between the Oracle Central Coding application and the Clintrial application.
- The Clintrial software is installed on a different machine than any of the Oracle Central Coding application servers.
- The Oracle InForm software and the Oracle InForm Adapter software are installed on different machines than any of the Oracle Central Coding application servers. The Oracle InForm Adapter software can be installed on the same machine as the InForm software or on its own machine.

To determine the hardware and software requirements for using the Oracle Central Coding application with another application through the Services Interface (API), consult your Oracle Services representative.

# 5

## Oracle Central Coding compatibility

Oracle maintains the following software compatibility matrixes:

- *Product Compatibility Matrix*—Identifies Oracle Central Coding compatibility with other Oracle Health Sciences products.
- *Product Technology Compatibility Matrix*—Identifies Oracle Central Coding compatibility with other Oracle and external software products.

Both matrixes can be downloaded from My Oracle Support in Article ID 180430.1: Oracle Health Sciences Applications Supported Technology Stack (<https://support.oracle.com/epmos/faces/DocumentDisplay?id=180430.1>).